

**Notice of Allowability**

Application No.

09/726,395

Examiner

Timothy J. Henn

Applicant(s)

SLATTER, DAVID NEIL

Art Unit

2612

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response to notice of non-compliant amendment.
2. ☒ The allowed claim(s) is/are 1-44.
3. ☒ The drawings filed on 07 September 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____   |

## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Claims 1-44 are allowed.
2. The following is an examiner's statement of reasons for allowance:

#### **[claims 1-16]**

Regarding claims 1-16, the prior art does not teach or fairly suggest a digital camera including first and second light sources and an imaging detector arranged in first and second portions wherein a controller controls the imaging detector such that only a first portion of a document illuminated by the first light source is captured during a first image capturing operation and only a second portion of a document illuminated by the second light source is captured during a second image capturing operation, and a processor for combining the first and second captured images into a final image as claimed.

#### **[claims 17-21]**

Regarding claims 17-21, the prior art does not teach or fairly suggest a method of obtaining an image of a document comprising the steps of illuminating the document in first and second image capture operations, exposing only a first portion and a second portion of an imaging detector to said illuminated document in the first and second image capture operations respectively and processing the resulting first and second images to obtain a final image as claimed.

#### **[claims 22 and 23]**

Regarding claims 22 and 23, the prior art does not teach a stand with a flash and controller which controls a camera flash and the stand flash as claimed.

**[claims 24-29]**

Regarding claims 24-29, the prior art does not teach or fairly suggest a method of capturing an image comprising illumination the image with optical energy from first and second directions, detection only a first portion of the reflect image at a first image-sensing region in response to the image being illuminated from the first direction, detecting only a second portion of the reflected image at a second image-sensing region different from the first image-sensing region in response to the image being illuminated from the second direction and combining the first and second images as claimed.

**[claims 30-39]**

Regarding claims 30-39, the prior art does not teach or fairly suggest an apparatus for capturing an image comprising an optical energy source for sequentially illuminating an image from first and second directions, first and second image sensing regions at different locations, a controller for causing only the first image sensing region to detect a first portion of an image illuminated by light from a first direction and for causing only the second image sensing region to detect a second portion of an image illuminated by light from a second direction and combining the resulting first and second images into a final image as claimed.

**[claims 40-44]**

Regarding claims 40-44 the prior art does not teach or fairly suggest an apparatus for capturing an image comprising first and second image sensing regions on first and second sides of an optical axis respectively, first and second optical sources for sequentially illuminating the image being respectively located on first and second sides of the optical axis, a controller for causing only the first image sensing region to detect a first portion of an image illuminated by light from a first direction and for causing only the second image sensing region to detect a second portion of an image illuminated by light from a second direction and combining the resulting first and second images into a final image as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

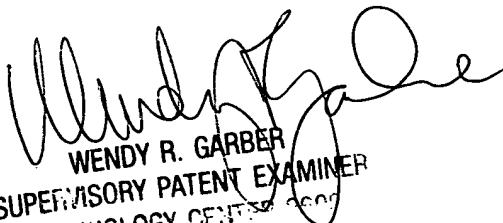
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Timothy J. Henn whose telephone number is (571) 272-7310. The examiner can normally be reached on M-F 9:00 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy R. Garber can be reached on (571) 272-7308. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

5/30/2005

  
WENDY R. GARBER  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER